

slightly astringent; eating quality poor; harvest season, ripens unevenly, early September, 4 wks before Delicious. Tree: medium productivity; fruits drop severely before they ripen. Isaac Newton Apple.

The following were donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589175. *Malus domestica* Borkh.

Coat Jersey. Comments:: Fruit: size medium, 65 mm; skin unattractive; flesh water- core; harvest season mid-September. Tree: nonprecocious, biennial cropping, unproductive. English Cider.

The following were developed by USDA Northern Great Plains Field Station, Mandan, North Dakota, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589176. *Malus domestica* Borkh.

Garrison. Pedigree - Duchess of Oldenberg x Starking Delicious; selected 1949; tested as Mandan 49-5; introduced 1957; sibling of Thorberg and Mandan. Comments:: Fruit: size very large, 80-90 mm; skin 80-100% red, splash- ed stripe, not highly attractive; shape round-conic; flesh firm, cream-colored to yellowish; flavor subacid to bland; eating quality fair to good; harvest season uneven maturity, early September, 4 wks before Delicious; short storage life, 45 days at -0.5C. Tree: hardy; spreading; vigorous; medium yields; biennial. Large, red, early mid-season.

The following were developed by Aomori Apple Experiment Station, Kuroishi, Aomori, Japan. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589177. *Malus domestica* Borkh.

Megumi. Pedigree - Ralls Janet x Jonathan; raised 1931; named 1948; patented 1950. PI 199529 received 1952 from Aomori Apple Expt. Sta., Kuroishi, Aomori, Japan. Comments:: Fruit: medium size, 60-70mm; skin 80% red, striped, green ground, some bitter pit, Jonathan spot; shape round conic; flesh semifirm, cream-colored; flavor subacid, slightly bitter; eating quality fair; harvest season late October, 2 wks after Delicious. Tree: small; strongly alternate bear- ing, overcrops in on year; fruits borne in clusters. Medium size, late, Japanese. R.D. Way, 1992.

The following were developed by M. Black. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589178. *Malus domestica* Borkh.

Black Ben Davis. Pedigree - Red-fruited mutation of Ben Davis. Comments:: Fruit and tree indistinguishable from Ben Davis, except fruit skin has much more red pigment. A red sport of Ben Davis.

The following were developed by Cornell University, New York Agr. Exp. Station, Geneva, New York 14456, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received